IN THE CLAIMS

This listing of the claim will replace all prior versions and listings of claim in the present application.

Listing of Claims

1. (currently amended)A security system design supporting method, implemented in a security system design supporting tool including a processor which conducts processings on data stored in memory, for supporting designing of security requirements or security specifications based on an international security evaluation criteria during planning/designing of an information-related product or an information system, said method comprising the steps of:

providing, in the memory, a template case database for storing ~~internationally registered~~ protection profiles ~~(PP)~~(PPs) that have been internationally registered or ~~PP/STs~~PPs or STs (security targets)~~,~~ that have been generated, and that have not been internationally registered, in a class-tree structure based on ~~a~~ an inheritance relation between types of products or systems as a target of evaluation (TOE) of said ~~PP/STs~~PPs or STs;

specifying, to the processor, the ~~PP/STs~~ PPs or STs related to the TOE by designating elements included in the products or systems, type and evaluation assurance level of the TOE, and retrieving a relevant class-tree structure from said database; and

~~automatically~~ generating, by the processor, a ~~PP/ST~~PP or ST draft of the TOE by integrally editing contents of a definition of the specified ~~PP/STs~~PPs or STs,

wherein as to the generated PP/ST draft of the TOE, if the registered PPs or STs local PP matches PPs or STs retrieved from the database, the retrieved PPs or STs are used, and if there are no match, high-order PPs or STs among the generated PPs or STs are retrieved based on an inheritance relation to thereby partially add and correct the PPs/STs.

Claims 2-22 (canceled).

23. (new) The security system design supporting method according to claim 1, wherein if the high-order PP among the generated PPs is not successful to match, the generated PP draft is registered in a local PP/ST tree structured database.

24. (new) The security system design supporting method according to claim 1, further comprising the steps of:

indicating the PPs or STs stored in the template case database as icons by which the constituting elements, type and the evaluation assurance level can be identified;

specifying the PPs or STs related to the TOE from the inheritance tree based on a reference PP or ST cases of the inheritance between the PPs or STs expressed in a tree; and

producing a structure diagram of the TOE using the icons of said specified PPs or STs as constituting elements.

25. (new) The security system design supporting method according to claim 1, further comprising the steps of:

generating a rationale matrix indicating a matrix table each correspondence between the security environments, the security objectives, the security requirements and the summary specification as a part of the contents of a PP or ST definition from the security environment, the security objectives, the security requirements and the summary specification or the correspondence between them; and

verifying the presence or absence of the definition information lacking the correspondence using said rationale matrix generated.

26. (new) The security system design supporting method according to claim 23, further comprising the steps of:

generating a rationale matrix indicating in a matrix table each correspondence between the security environments, the security objectives, the security requirements and the summary specification as a part of the contents of the PPs or STs definition from the security environment, the security objectives, the security requirements and the summary specification or the correspondence between them; and

verifying the presence or absence of the definition information lacking the correspondence using said rationale matrix generated.

27. (new) A security system design supporting method according to claim 24, further comprising the steps of:

generating a rationale matrix indicating in a matrix table each correspondence between the security environments, the security objectives, the security requirements and the summary specification as a part of the contents of the PP or ST definition from the security environment, the security objectives, the security requirements and the summary specification or the correspondence between them; and

verifying the presence or absence of the definition information lacking the correspondence using said rationale matrix generated.

28. (new) The security system design supporting method according to claim 1, further comprising the steps of:

storing information newly added and the result of PP or ST generation in the process of PP or ST generation in accordance with the inheritance and correspondence in the template case database and the partial case database; and

improving and expanding the information stored in the case database.

29. (new) The security system design supporting method according to claim 1, wherein the generated PP or ST can be evaluated in a PP or ST evaluation check list in the form of questions based on an international security evaluation method.